

SUGARCANE GROWTH MEASUREMENT DATA
 USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
 ARDOYNE FARM, HOUMA, LOUISIANA

Growth Measurement No. 16

Growth from 7/10/07 to 7/17/07

| | | |
|---|------------------|-------|
| Average growth (inches) this week Plant-Cane | LCP 85-384..... | 5.15 |
| | Ho 95-988 | 6.35 |
| | HoCP 96-540..... | 7.30 |
| | L 97-128 | 5.70 |
| | | |
| Average growth (inches) this week 1st-Stubble | LCP 85-384..... | 3.85 |
| | Ho 95-988 | 6.05 |
| | HoCP 96-540..... | 5.65 |
| | L 97-128 | 4.95 |
| | | |
| Average height (inches) to date Plant-Cane | LCP 85-384..... | 61.95 |
| | Ho 95-988 | 65.35 |
| | HoCP 96-540..... | 68.60 |
| | L 97-128 | 73.65 |
| | | |
| Average height (inches) to date 1st-Stubble | LCP 85-384..... | 54.85 |
| | Ho 95-988 | 64.50 |
| | HoCP 96-540..... | 65.55 |
| | L 97-128 | 73.30 |

Average height in inches

| YEAR | HoCP 96-540 | | LCP 85-384 | |
|------|-------------|--------------------------|------------|--------------------------|
| | PLANT-CANE | 1 ST -STUBBLE | PLANT-CANE | 1 ST -STUBBLE |
| 2007 | 68.6 | 65.6 | 62.0 | 54.9 |
| 2006 | 84.5 | 62.4 | 69.2 | 68.0 |
| 2005 | 58.6 | 65.3 | 61.5 | 58.9 |
| 2004 | 74.2 | 72.6 | 66.2 | 72.3 |
| 2003 | | | 58.7 | 61.9 |
| 2002 | | | 60.0 | 62.0 |
| 2001 | | | 63.5 | 64.6 |
| 2000 | | | 71.8 | 73.1 |
| 1999 | | | 77.1 | 72.2 |
| 1998 | | | 59.2 | 80.3 |

SOIL MOISTURE and CLIMATOLOGICAL DATA*

| | <u>6"</u> | <u>12"</u> | <u>18"</u> | <u>Temp</u> |
|-------------|-----------|------------|------------|-------------|
| Min | | | | 70.9 |
| Max | | | | 100.3 |
| Mean | | | | 80.8 |

Rainfall total for week (inches)..... 4.93"

Rainfall total for year (inches)..... 28.91"

* Temperature, rainfall records, and soil moisture from Ardoyne Farm.
 Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).